



Bunyaviruses and climate change

Author(s):	Elliott RM
Year:	2009
Journal:	Clinical Microbiology and Infection : The Official Publication of The European Society of Clinical Microbiology and Infectious Diseases. 15 (6): 510-517

Abstract:

It is generally accepted that the planet is undergoing climatic changes, and 'climate change' has become the scapegoat for many catastrophes, including infectious disease outbreaks, as acknowledged by Randolph and Ergonul, who state 'Climate change is the current ubiquitous explanation for increased incidence of infections of many sorts' (Future Virology 2008; 3: 303-306). However, as these authors argue, this is a highly simplistic view and, indeed, there is a complex network of factors that are responsible for disease emergence and re-emergence. In this short review, the role that climate change could play in the emergence of bunyavirus disease is considered, using a few selected examples.

Source: <http://dx.doi.org/10.1111/j.1469-0691.2009.02849.x>

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Precipitation, Temperature

Temperature: Fluctuations

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: Vectorborne Disease, Zoonotic Disease

Climate Change and Human Health Literature Portal

Vectorborne Disease: General Vectorborne

Zoonotic Disease: Other Zoonotic Disease

Zoonotic Disease (other): Bunyaviruses

Mitigation/Adaptation: 

mitigation or adaptation strategy is a focus of resource

Adaptation

Resource Type: 

format or standard characteristic of resource

Review

Timescale: 

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment: 

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content